

Application No. 09/543,663
Preliminary Amendment Dated October 26, 2007
Attorney Docket No. 15-IS-5288 (5024-00039)

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A data management system for patient data, comprising:
a picture archival and communication system (PACS) having a functionality code segment and a first user interface code segment;
a radiology information system (RIS) having a functionality code segment and a second user interface code segment;
a container application having a first user interface layer in communication with the PACS and a second user interface layer in communication with the RIS, wherein the first and second user interface layers are configured to convert the first user interface code segment of the PACS and the second user interface code segment of the RIS to a uniform user interface and communicate patient data between the functionality code segments of the PACS and the RIS, respectively, and the uniform user interface such that the patient data of the functionality code segments of the PACS and the RIS are formatted in a common protocol ~~with the same look and feel~~; and
further wherein each of the PACS and the RIS include a workstation configured such that patient data can be communicated between the PACS and RIS workstations through the container application.
2. (Previously Presented) The data management system of claim 1, wherein the functionality code segment of the PACS is configured to store and retrieve patient image data.
3. (Previously Presented) The data management system of claim 2, wherein the functionality code segment of the RIS is configured to store and retrieve patient text data

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4. (Cancelled)
5. (Previously Presented) The data management system of claim 1, the container further comprising a first service layer in communication with the PACS and a second service layer in communication with the RIS, wherein the first and second service layers are configured to communicate data between the functionality code segments of the PACS and the RIS and a service.
6. (Original) The data management system of claim 5, wherein the service includes a telecommunication service.
7. (Currently Amended) A data management system for patient data, comprising:
 - a picture archival and communication system (PACS) for retrieving patient image data from a database and having a first user interface;
 - a radiology information system (RIS) for processing patient text data and having a second user interface;
 - a data manager in communication with the PACS and the RIS, wherein the data manager includes a user interface code segment in communication with the PACS and the RIS for converting the first user interface and the second user interface to a uniform user interface for receiving the patient image data and patient text data for generating display signals based on the patient image data and the patient text data for generating display signals based on the patient image data and the patient text data according to a predetermined display format, wherein the predetermined display format includes ~~has~~ a common protocol ~~look-and-feel~~ for the patient image data and the patient text data; and
 - further wherein each of the PACS and the RIS include a workstation configured such that patient data can be communicated between the PACS and RIS workstations through the data manager.

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8. (Original) The data management of claim 7, further comprising a display unit configured to receive the display signals and provide a display based on the display signals.
9. (Cancelled)
10. (Original) The data management system of claim 7, further comprising a third application configured to process data, the user interface code segment in communication with the third application and configured to receive the data and to generate display signals based on the data.
11. (Original) The data management system of claim 10, wherein the third application is in communication with the internet.
- 12-21. (Cancelled)
22. (Currently Amended) A method of displaying patient data from a plurality of applications, comprising:
 - receiving patient image data using a picture archival and communication system (PACS) having a first user interface;
 - receiving patient text data using a radiology information system (RIS) having a second user interface;
 - converting the first user interface and the second user interface to a uniform user interface;
 - configuring both the patient image data and patient text data according to a predetermined display format;

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displaying the configured patient image data and patient text data on the uniform user interface according to the display format such that the patient image data and the patient text data have the a common protocols~~same look-and-feel~~; and

communicating the configured ~~patient~~patient image data and patient text data between the first user interface workstation and the second user interface through a container application when a user is not utilizing the uniform user interface.

23. (Original) The method of claim 22, further comprising receiving the patient image data from a PACS data base.

24. (Currently Amended) The[[]] method of claim 22, wherein the predetermined display format includes a display format for an icon.

25. (Original) The method of claim 22, wherein the predetermined display format includes a display format for a menu.

26. (Original) The method of claim 22, further comprising providing patient image data to one of the internet and an intranet.

27. (Original) The method of claim 22, further comprising providing patient image data to one of the internet and an intranet.

28. (Previously Presented) The data management system of claim 1, further comprising a third component having a functionality code segment and a third user interface code segment, wherein the container application is configured to communicate patient data between the functionality code segments of the PACS, RIS and third components, respectively, and the uniform user interface.

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29. (Previously Presented) The data management system of claim 28, wherein the functionality code segment of the third component is configured to communicate with the Internet.

30. (Previously Presented) The data management system of claim 5, wherein the service communicates with the first and second layers via a predetermined protocol.

31. (Previously Presented) The data management system of claim 30, wherein the predetermined protocol includes componentware.